THE SMALL FARM IN HAWA

Kanschaucha achools, delivered the at products from the United States flowing address at the last Thursday alone:

Club meeting: I am a believer in the small form for Hawaii. You are limited in area only. The possibilities of an intensive, diversified agriculture are unlimited. I have this belief on five years trained observation and actual experiment in the Islands.

The subject your secretary has as-signed me, though 'small' as far as farms go, is of such infinite diversity, I am almost at a loss where to begin. However, my first thought naturally in: What is a small farm! And in this rambling talk, I shall consider the back yard of a fifty-foot town lot, an acre or one bundred acres, agricultur-ally applied, a small farm so long as ominant feature prevails, and Bran. tion of the small farm in Hawaiinamely, that such lands be owned and so that the cultivator's interests may Poultry (estimated) be centered in the permanent upand the state—in a word, to establish homes in the fullest sense of that sacred term, upon the foundations of which rests all that is best for our beloved Hawaii. This, and a more di-versified agriculture than that which loved Hawaii. has heretofore prevailed in these Islands, are the key notes that ring through the best thoughts that have been expressed for Hawaii's future.

small farm, I take it, may be devoted to a single crop or to a diversof crops; to dairying alone; to the raising of a single breed of live-stock, or to a combination of all these which we may term mixed farming, so long as the owner's interests are centered directly in the farm and he cooperates his employes for their betterment, they being his in kind, and they of ambition to become independent farmers in time, and he helpful to-wards that end, it seems to me, the spirit of the small farm is fulfilled alnost regardless of the area under con-

I am deeply in sympathy with the thoughts expressed in two recent pa-pers delivered before Honolulu audi-Jared Smith in one of these
"Men are worth more than Rich lands do not of themselves make a country rich. The possession of extensive areas of land by a state is of less importance than that the land, whether rich or poor, should be well populated." This, it seems to me, is especially applicable to Hawaii, a land so exceptionally favored for the domicile

In his admirable address upon Paternalism in Agriculture, Mr. Bryant has pointed out a score of dangers to which our present agricultural staple is perennially exposed (and which I

It shall be my purpose to consider bow the small farm may be estab-lished and maintained. Two extreme views seem to prevail in regard to the small farm in Hawaii, the one pessi-mistic, believing that nothing but the great plantation can be made to pay here, the other overly optimistic, or at least making light of the obstacles in the way of a successful, many times

diversified agriculture conducted by the small farmer. It seems to me that the truth lies midway between these views, and that a few have already grasped the situa-tion and are making the most of it.

I have great respect for and unlimited confidence in the final outcome of splendid agricultural struggle undertaken by such men as the Louisson Brothers of Hamakua, Byron Clark of American hog raiser. And this is how Wahiawa, and a number of like men, he could do it: remained undaunted through years of discouragement. It seems to within shipping distance of Honoidiu, few years. That is what we need in the preferably along the railroad, out Kahuku way, or, if possible, at Wahlawa. Select a warm, dry, sheltered site; erect suitable buildings, not fancy, must be classed as "small farmers" since they fulfill the all-important products, plant them to one of the general grasses that do best under your alone. And his co-operation in the crail grasses that do best under your alone. oversee, manage and make these farms or perhaps seemingly may not be to their interests to know. However, we already note a change for the better even in the largest landed interests, to me it is a hopeful sign of the times, the encouraging of a desirable class of immigrants to settle upon the plantation lands among elevating environ-ments, to establish small farms, and profitable ones upon the even limited areas the plantations have wisely seen fit to provide for them. For proof look upon the once barren slopes of

However, it is not for these whom a Berkshire. have suggestions to offer, they are trained to hard work, long hours and till the soil, from youth up. The small farmer I have in mind is

moderate, means, perhaps, but with a good store of intelligence and perseverance; agriculturally inclined, perhaps already trained, a resident or about to become one and take his chances with us for better or for worse. To him I would say: We have land and opportunity for a hundred thousand like you. We can produce anything under the suu provided you go at the matter right; but as elsewhere, you need some capital to get a plow-hold, a little more enthusiasm to hold your plowed land down, and still more of good judgment and persever-ance to keep the thing going!

That the thing is possible under these conditions, I submit the follow-

which would have been been a so the ARRESTS AND THE SHOOT CHARLES

ing as proof:

NAME OF THE OWNERS OF THE PERSON OF THE PERS Krauss, the agricultural teacher. We import every year of agricultur

> thoroughbred cattle valued at 5.600 stock hoge, valued at 500 horses, valued at........ Sheep, goats, poultry, etc., 10,000 Breadstuffs and Animal Freds: Barley

Corn vy angererantemental process Onta Wheat Hops .. middlings and mill Rice . Eggs and Poultry: Dairy Products: Butter, \$90,000; cheese, \$20,-000; milk 400,000 Provisions: Beef products 75,000 Products of mutton, poultry, sausages, etc. Vegetables: Beans and peas (10,600 bu.) \$

Onions (11,000 bu.)..... 10,000 Potatoes (70,000 bu.)..... L0,000 Canned vegetables 14,000 Pickles, sauces, etc 5,000 Fibers, Textile Grasses, etc., Manufactures of: Bagging, cordage, etc \$ 100,000 Cotton and cotton goods..... 1,000,000 Fruits and Nuts:

Fresh and dried fruits \$ 100,000 (Of the above \$36,000 for oranges.) Canned and preserved fruits .. 5,000

Nursery stock Floral stock and garden seeds 1.000 Miscellaneous: Fuel (coal and coke) Bark and extracts for tanning 100 Cork, manufactures of Lumber, and manufactures of Leather .. 40,000 India rubber, manufactures of 50.000 250,000 Sugar (refined, \$44,000), mo-Insses, etc. Cocoa and chocolates 10.000 Coffee, roasted or prepared 11,000 Tobacco, manufactures of.

These represent domestic shipments from the United States alone, and would commend for a second reading).

Likewise have other able, impartial thinkers reminded us why the "small farm" should be encouraged in this be manufactured here in time and bewhile many are manufactured be manufactured here in time and become part of the source of our future wealth

400,000

nearly

To adhere strictly to raw products or those readily manufactured, as butter and cheese, how many of you were aware that we imported \$35,000 worth of hogs during the ten months preceding October, 1905? We at Kamehameha raise a superior type at a cost not to exceed 5 cents per pound, live weight, for which we are offered 10 cents. It seems to me this would offer twenty small farmers a gross carning of \$2000 per annum, of which half should be net under careful management. One thousand dollars would establish such a piggery, where, two years after its establishment, a minimum of the above gross receipts could be earned by any thrifty experienced

Lease or purchase ten acres of land since they fulfill the all-important mission of combined cultivator and eval grasses that do best under your ewner of the lands they control. They ditional acre or two for reserve, then their homes; their whole interests are plant the remainder to sweet potatoes, centered there. It is to their interest cassava, beets, corn or whatever thrives permanently to improve their lands, to best with your neighbor. When fairly uplift their employes who are their as established get your breeding stock, sociates, and to upbuild the community Twenty young sows of good grade rather than drag it down. Such men will do for a starter. Kamehameha will foster every civic improvement will sell you a high-grade Berkshire locally as well as at a distance. He is pig eight to ten weeks old for \$5, but able, he is on the spot, he knows the if you can do better don't feel under improvement of old varieties is intensi- worked with a will and risked their reason why, which the stockholders of obligation to purchase from us. Then fied because of this sectusion, which lives a dozen times over in the effort field because of this sectusion, which lives a dozen times over the purchase from us. our large corporations can not know, stand back and watch them grow. go among your best and most success- same would be true of live stock. ful neighbors and keep your eyes open, ; example, note the wealth that has Hire out to the best one at a dollar day, if you can; if you are "green" it will be more than you are worth; besides, you are gaining experience, but don't neglect your pigs. they are six months old send to the Coast for a six-months-old, well-bred. full-blood boar. We would recommend

your sows and watch them with the tablishment of a plant-breeding gareyes of an expectant grandparent, but den in connection with the valuable the small farmer I have in mind is do not pamper them. See that they work already undertaken? Ten thoupens before breakfast and after sup- pended than to give this line of work per if necessary, look for vermin, and a start. in another four months you may be A new era is before us if the Govrewarded with one hundred little pork- ernment will lend a hand. I would ers. Kamehameha would expect a half further suggest that our Board of more and usually gets them. If you Commissioners of Agriculture and Forare destined to become a swine-raiser estry enlarge upon their official jour-seventy-five per cent should reach ma- nai—"The Hawaiian Forester and Ag-turity and at six months old average riculturist." It is good as far as it should now be worth, say 9 cents a verse conditions. I doubly appreciate

person I have told you.

After the second season easy as it looks, notwithstanding: Our present. Hawaiian boys at Kamehameha do better, proportionately than I told you and training is a matter the Govern-Won't you come out to the schools and ment can well afford to give a fittle

let us show you how? Bo much for swine. The egg and of our rural schools is already over poultry proposition is perhaps even loaded, then have an expert educater more alluring to many people, but prune it down and graft or bud an from my observations greater difficul- agricultural twig here and there. ties are in the way to successful poul- good way to develop an agricultural try raising than in almost any other people is to train our youth in the branch of stock raising. Suitable feed principles and best practices of agriis high in price, and large flocks are culture. Farming is more and more much more subject to disease here becoming a business and profession rethan elsewhere. It is a business of quiring the surewiness of law, the small detail to the careful looking after technical training of medicine, the upof which every one is not adapted rightness of theology, and as much Poultry raising requires comparative- brains and resourcefulness as ly little capital, nor is the work at agogy. These are good foundation tached of a hard manual character, stones, and we can not too early lay Thus is it well fitted for women. But them for the good of our youth. expel from your minds the thought that it is an ideal employment for in- ture is such a good thing and your valids. hundred times before poultry-culture, in thunder don't you turn out some unless you can hire most of the work good farmers?" Well, so we do-fully the fingers on one hand have succeed- in agriculture-and that is a hundred ed commercially, so far as I can as- per cent, more than some of our colcertain. The rest only tell about their leges are turning out of good lawyers doings. However, don't fall to keep floctors, theologians and pedagogs, It's a dozen hens to supply your home table because God made farmers. with fresh eggs and julcy roasters. If these do well add another dozen, then another until some day you may emerge a full-fledged poultry baron. The most successful of California poultry men of whom I know made haste slowly in the beginning.

The dairy products item is attractive -\$400,000 of butter, cheese and milk (probably condensed) shipped to Ha-1905. A small dairy farmer ought to be satisfied with \$10,000 gross income per tropical climate. If they are of the clerk of the wrecked vessel: right stuff they will win. We have daily demonstrated the fact at Kame- was wild excitement. The screams of hameha for the past four or five years, men, women and children mingled in If I possessed the capital and the abil- awful chorus with the shrick of the ity to make small collections, I should wind, the dash of the rain and the want for nothing better in an agricul- roar of the breakers. It was pandetural way. Modern dairy farming is monium. The shouts of the officers an intensive type of agriculture, offer- could hardly be heard, and the rush ing full play for the most diversified of the passengers as they ran hither faculties. And at the present prices of and thither created a confusion which milk (10 to 121-2 cents per quart), it for a time seemed uncontrollable. is profitable. A good milch cow under proper management should net \$100 per half-clad, dragging children by annum. The record of Kamehameha Schools' crack dairy cow, "Pua Ilima," breasts; men clad only in their night months beginning April 13, 1902, and ending April 17, 1903, shows that she produced 8843 pounds milk of 5.1 per cent butter fat in the 365 days. At 10 cents per quart, \$411 gross was realized for the year's product, and as \$100 is a liberal estimate for feed and care, she netted us a little better than \$300. This merely shows possibilities. Probably your herd of twenty to fifty cows would average less for some time to come, they have with us.

One more concrete example: Our statistics show an expenditure of \$36,-600 for oranges from California alone in less than a year! Now, I am as loyal a Californian as a native son of the Golden West can be, and yet I they rolled over us and people were must admit that I've tasted as well- carried away in bunches. Their agonflavored Hawaiian-grown oranges as ized shricks could be heard above all California ever shipped to us. (I'm a the fiendish roar of the wind and sea. little suspicious she hasn't sent us the BEGAN TO BREAK UP AT ONCE. hest she grows, though.) The only alone. And his co-operation slightest degree would be priceless to our horticultural interests. Can not something be done in this direction by our Commission of Agriculture and Forestry? It is worth while,

Has it ever occurred to you that our ery isolation might be made one of our greatest assets in an agricultural WRY? The opportunities for the creation of new tropical fruits and the come to the Isle of Jersey because of her splendid cattle that could not have been maintained under any other condition than such as they and we possess. It is a field as yet unexplored in our Territory. Will not our Legislature show its keen insight and publie spiritedness in dealing generously with our experiment station, if When nine or ten months old breed urge upon it the necessity for the es-

150 pounds live weight. Kamehameha goes, but it doesn't go far enough. The has done and is doing better. These editor deserves great credit for the remaining seventy-five hogs of yours publication he is giving us under adpound as butcher stock, which makes his work in this connection from my a total of \$1012.50 for the lot after your knowledge of the difficulty he has in first 16 months' operations. After your getting the stuff I've been contribusows have rested two or three months ting to its pages from month to month,

remain your literating stock. If you had been in the true, he fine my are a good literature man you will not four-tied appropriately. It meses to say a your pigs to better advantage their sublication after the style of "The Agna been indicated. We are not bush rividitural Gasatte of New House come paugle at Ramehameha but we do Wales' would be of great educational value to our small farmers and stimu you ought into the interest of those to get two litters a year from each suggish in the marter, Buch a publinow From this on you can figure the ration sequid cont more, but it is worth profits for yourself ton paper). It cere more, and I believe the subscription tainly seems easy enough to get rich lists could be doubled if the journal quick on such a scheme, doesn't it? were enlarged and illustrated so the And yet, let me warn you, it isn't as its cost became twice as much as a

This matter of agricultural education more attention to. If the curriculum

I am sometimes asked: "If agricul-Floriculture, or apiculture, a school is such a wonderful place, A few, yes, perhaps less than two per cent, of those who specialize

AND CHILDREN

The story of the loss of the Vawall during ten months preceding Oct. lencia, on the coast of Vancouver Island, and of why there were neither women nor children among those annum. If so, here is an opportunity women nor children among those for 40 enterprising dairy men to put saved, is thus told in the Scattle Posttheir skill against the fates of a semi- Intelligencer by Frank Lehm, freight

"When the ship first struck there Women came from their staterooms hands, or clasping babies a full blood Jersey, for the twelve attire sprang from their berths and rushed to the boats, only to be beater back by the officers and sailors, who were doing their best to restore order and control the 140 odd people. Children became lost from their mothers; wives lost track of their husbands; all ran here and there, seeking for each other and for safety. God only knows how many were swept away as soon as they touched the deck. Great seas broke over the ship as soon as she struck the second time, and when she drifted back on the reef stern on the seas raked her from fore to aft, carrying everything before them. Never have I seen such waves. They appeared to be as high as the mast head. One after another in rapid succession

"The vessel began to break up altrouble is that they contain a few too most as soon as she struck. There many seeds compared to the Washing- was never built a ship which could ton navel, but a Burbank would breed have withstood the terrible rush and out these non-essential seeds within a force of these waves. She ground and within shipping distance of Honolulu. few years. That is what we need in pounded and chafed against the rocks, preferably along the railroad, out Ka-Hawait, a Burbank; yes, there is and every minute something broke the rigging. How some of the women. clad only in their nightdresses, stood the low wind and rain and sea as long as they did was a mystery to me. The sight was terrible. To see these fragile creatures clinging to the almost frozen ropes, standing on a ratline in their bare feet and possible clasping in their arms a little child, endeavoring to shield it as much as possible from the gale, fairly wrung our

"When order was somewhat restored Capt Johnson gave the order to get to get the craft launched. They would cling to their ropes while great wave swept over the wreck, and as soon as the water subsided would get to work on the craft again. As soon as it was free from the ship and hanging in the davits a great breaker smashed her to kindling wood and carried away some of the sailors who were handling the craft. port quarter boat was then tried, and after repeating the same performance it was also crushed against the vessel's side, breaking like an eggshell.

"Try the starboard quarter boat sang out the captain, and with a will the men rushed to this boat and loosed her from the lashings. Working be waves and watching chance, the sailors finally succeeded in swinging her clear.

WOMEN AND CHILDREN FIRST. 'Women and children first,' was the cry of the officers, and from the rigging the poor frozen creatures were tenderly, if roughly, lifted down and placed in the boat. Some of them were weeping, most of them were praying and it was well that they did. Only enough men to manage the craft went on board. There was no rush. The officers were prepared to stop it with bullets if it had occurred, but the passengers seemed endeavoring to see who could be the mose self-sacrificing. At last the boat was loaded. Fathers cried good-by to their children and husbands bade idieu to their wives, dertow and drawn back. The breed them again, and if you can see But when I apologize, as I sometimes Few words could be heard above the

as the soung from the davis out in the load of women, children and a few men, burned itself in my brain. I day see them even naw, there in the dark ater, with its angry sweep and crest of forces, the black cliffs only a from dred yards away where one spray dashed up a hundred feet. BIGH wreck with its burden of suffering SPILLED OUT LIKE PERBLES.

Then the order was given to lower Skillfully the sallors started. watching their chance and guiding the craft with great care. Suddenly a cry from every soul on board penetrated the night. The stern falls had broken and she was slipping. We were frozen with the horror of it. Like a shot the stern of the boat fell to the water's edge, leaving the bow hanging high in the air. The occupants were spilled out like pebbles from a glass and fell with shricks and grouns into the boiling surf. The next wave swent them away, and where the glare of the searchlight played on the water we could see the white, terrified faces of the drowning people flash by with the look of deathly fear such as is seldom seen. It happened in an instant All was over before we could even move. Thirty persons had been swept to their doom before our startled eyes and we stood trembling and mutely praying.

LAUNCH A SECOND BOAT. "The strong voice of the captain, touched with tears, broke the spell which bound us all. 'Get out the amidships boat,' he ordered and the sailors stationed there swung her over the side

"'Get those women down from the rigging and put them in that boat,' he ordered again, and willing hands sprang to do his bidding. With skill born of practice this boat was swung from the side and filled with the wocarefully every move, the sailors at last cast off their falls when the crest of a great wave had raised them high in the air.

"The searchlight was turned on them and we could see every muscle in the sallors' great bodies stand out as they laid to their oars and breasted the gale and sea. It was a terrible struggle. Wave after wave beat against their boat, but the sailors, bending their backs like bows, pulled not only for their own lives, but for the lives of the women and children.

"At last they started to forge ahead They are saved!' was the cry from all on board and a cheer went up from the hundred souls left. Even the faces of the terrified women in the little boat took on a more hopeful expression, as they began to clear the wreck We all thought them saved, when suddenly a great breaker, larger by far than any that ever I saw, aided by a terrible gust of wind, struck the boat, slewed her around in spite of all that the man at the steering oar and the sailors could do, and next minute she was overturned. God! What a sight! The searchlight showed every detail of the terrible tragedy-the men and women struggling in the water, the faces ghastly in the glare; eyes which gazed toward us unseeingly already glazed with the touch of death, the little bodies of children swept toward the terrible rocks, all in a wild chaos of boiling water. In an instant it all vanished. One man struggled desperately to cling to the upturned boat, and his set face was terrifying as he battied against the hand of deah which had clutched him. Next minute he. too, was swept out of sight, and the searchlight revealed only a tossing. rolling, terrifying rush of water. ONLY TWO BOATS LEFT. "We had still two boats left. The

captain decided that it was unwise to attempt to launch any more that night, SURPLUS 200,000.00 UNDIVIDED PROFITS ... 102,617.80 so we waited for the dawn. Such a night few men have lived through. I clung part of the time to the after cabins, which were crowded with peo-stant. Hour after hour passed as we C. Hustace, Jr......Assistant Cashler clungo to the framework of the cabin F. B. Damon Assistant Cashier and waited for dawn. Purser O'Farrel F. B. DamonSecretary had thoughtfully secured a supply of blankets as soon as the ship struck. Jones F. W Macfarlane E. F. Bishop These were given out to the women as soon as it was possible. But they did Atherton, C. H. Cooke, little good. We were up to our waists in water almost all the time, and it was only by hard work that we succeeded in keeping hold of our support. The night seemed a year long.

"At last the morning dawned. was a cheerless scene. The forward part of the ship was practically all under water. In the fore rigging about forty or fifty people still clung, although how they managed to survive DEMOCRATS ALL the night is a mystery to me. The ship was washed by wave after wave. About a hundred yards from us loomed the cliffs. It was a precipitous wal of rock which came sheer down to the water's edge. The waves went in with a rush and roar and dashed themselves against the wall in an impotent feet up the face of the cliff and was swept back with a mighty rush. On the mainmast of the Valencia clung a crowd of people. All ages and both sexes were represented. All were shiv- lulu. ering and barely able to hold out. After night such as we had passed through wonder that any one was alive.

THIRD BOAT LOAD LOST. "There was a little food on deck. A few hams had been saved and also a little hardtack. This was given to everybody and all ate a little. Then came the attempt to launch another boat. I don't want to dwell on this for it is too much. Suffice it to say that the boat was finally got out, filled with people and then smashed before our eyes. The bodies of the drowned, which by that time, must have numbered fully sixty, were seen floating around the beach and dashing up against the iron-bound cliff, which loomed so close to us. The bodies were caught by the waves, thrown against the rocks and then caught by the unwas horrible.

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IN THE DARK

"I don't know any Democrat in Honolulu who has any money to waste in that way," said Manager Waller fury. The spray was driven fully 100 of the Metropolitan Meat Market when asked yesterday about the report, revived again for a day, that somebody was going to buy the Grieve and start a Democratic daily in Hono-

"I don't know a thing about it," said County Treasurer Trent. "Nobody has been to me with a subscription listand that would be about the first thing a man would do who was going to start a Democratic daily."

SOUND ADVICE.

Never neglect a bad cold. You can not tell how it may result. A simple home remedy will often bring relief and should not be ignored, but there is nothing so reliable as Chamberlain's Cough Remedy. It is well known for its quick cures of coughs and colds. For sale by all dealers and druggists. Benson, Smith & Co., Ltd., agents for Hawali.

Bishop Restarick and Rev. Mr. Potwine returned on the Mikahala yesterday from an extended visit on Kausi.